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Area Wage Survey
Duluth-Superior, Minn.-Wis.
June 1984

768-B-23

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U.S. Department of Labor
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Summary
July 1984

D 88/1984

This summary presents results of a June 1984 survey of occupational wages in the Duluth-Superior Standard Metropolitan Statistical Area, which consists of St. Louis County, Minn.; and Douglas County, Wis. This is 1 of 92 areas which the Bureau of Labor Statistics surveys at the request of the Employment Standards Administration of the U.S. Department of Labor for use in administering the Service Contract Act of 1965. In addition, the Bureau conducts more extensive studies of occupational wages and related benefits in 71 other areas throughout the United States. For information on these reports and other Bureau publications, contact any BLS regional office identified on the back page.

This study covered establishments employing 50 workers or more in manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. A sample of 53 establishments employing 10,087 workers was selected to represent 136 establishments employing 16,586 workers in the area. (See table 2 for further information on the scope of the survey.) Data collected in the sample of establishments were projected to represent all establishments within the scope of the survey.

Table 1 provides hourly earnings information on office and plant workers employed in selected occupations common to a variety of industries. Occupational classification was based on a uniform set of job descriptions designed to take account of variations in job duties among establishments. The job descriptions used in the survey are available on request.

Table 1. Hourly earnings[1] of selected occupations in Duluth-Superior, Minn.-Wis., June 1984

Occupation	Number of workers			Hourly earnings (all workers)[1]			Number of workers receiving straight-time hourly earnings (in dollars) of —																		
	All[2]	Men	Women	Mean	Median	Middle range	Under 5.40	5.40 and under 5.80	5.80 – 6.20	6.20 – 6.60	6.60 – 7.00	7.00 – 7.40	7.40 – 7.80	7.80 – 8.20	8.20 – 8.60	8.60 – 9.00	9.00 – 9.40	9.40 – 9.80	9.80 – 10.20	10.20 – 10.60	10.60 – 11.40	11.40 – 12.20	12.20 – 13.00	13.00 – 13.80	13.80 – 14.60	14.60 and over
Secretaries	85	-	85	8.17	8.08	6.61- 9.69	7	4	6	4	3	6	3	13	9	3	5	1	8	3	4	3	2	1	-	-
Secretaries I	14	-	14	5.92	5.44	- -	[3]7	2	-	-	-	3	-	1	1	-	-	-	-	-	-	-	-	-	-	-
Secretaries II	27	-	27	7.71	7.85	6.33- 8.43	-	1	6	-	1	2	1	8	2	1	1	-	4	-	-	-	-	-	-	-
Secretaries III	15	-	15	7.95	7.88	7.01- 8.51	-	-	-	4	-	-	2	3	2	1	1	-	2	-	-	-	-	-	-	-
Secretaries IV	20	-	20	9.13	9.02	8.22-10.56	-	1	-	-	2	1	-	1	4	1	3	1	-	1	2	2	1	-	-	-
Stenographers	12	-	7	10.33	12.04	- -	-	-	3	-	-	-	-	-	-	-	-	-	2	-	-	4	3	-	-	-
Switchboard operators	15	-	15	4.89	4.79	4.03- 4.90	[4]12	1	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Key entry operators	13	1	7	10.30	12.15	- -	1	-	-	-	1	-	-	-	2	-	-	2	-	-	-	2	5	-	-	-
Key entry operators II	10	1	4	11.25	12.29	- -	-	-	-	-	1	-	-	-	-	-	-	2	-	-	-	2	5	-	-	-
Computer operators	26	5	21	7.46	7.69	6.16- 8.48	2	3	4	3	-	-	1	5	2	1	1	2	-	1	-	1	-	-	-	-
Computer operators II	18	4	14	6.96	6.32	6.16- 7.82	1	2	4	3	-	-	1	5	-	1	-	1	-	-	-	-	-	-	-	-
Computer operators III	6	1	5	9.66	9.40	- -	-	-	-	-	-	-	-	-	2	-	1	1	-	1	-	1	-	-	-	-
Drafters	40	39	1	9.05	8.61	7.58- 9.95	-	-	-	-	6	3	5	3	3	3	1	4	3	2	1	2	1	3	-	-
Drafters III	11	10	1	7.17	6.97	- -	-	-	-	-	6	3	1	-	-	1	-	-	-	-	-	-	-	-	-	-
Drafters IV	15	15	-	9.91	8.66	7.85-12.14	-	-	-	-	-	-	4	2	1	1	-	-	1	1	-	1	1	3	-	-
Electronics technicians	37	37	-	13.29	13.60	13.07-14.90	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	13	-	[5]16
Electronics technicians II	28	28	-	12.98	13.28	9.74-14.90	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	7	-	13
Maintenance carpenters	37	27	-	12.65	13.24	12.29-13.24	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	3	13	19	-	-
Maintenance electricians	67	67	-	12.34	13.07	11.29-13.07	-	-	-	-	-	-	-	2	-	-	-	-	-	14	8	5	-	24	14	-
Maintenance machinists	23	23	-	10.70	10.56	10.56-10.92	-	-	-	-	-	-	-	-	-	-	-	-	-	14	9	-	-	-	-	-
Maintenance mechanics (machinery)	79	79	-	9.68	10.56	8.59-10.56	-	5	-	5	-	-	-	3	21	-	-	-	-	26	12	-	2	-	5	-
Motor vehicle mechanics	21	21	-	12.63	12.92	12.55-13.17	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	13	6	-	-
General maintenance workers	58	58	-	10.01	10.06	8.71-11.83	-	-	-	3	1	5	2	-	4	-	-	12	6	1	2	22	-	-	-	-
Stationary engineers	11	7	-	11.16	10.78	- -	-	-	-	-	-	-	-	2	-	-	-	-	-	-	4	-	4	1	-	-
Truckdrivers	59	54	-	12.02	12.49	10.13-13.46	-	-	-	-	-	-	-	1	-	-	6	-	11	-	-	9	3	29	-	-
Material handling laborers	126	107	9	9.36	9.05	8.69-10.40	6	1	4	-	-	1	3	-	3	28	30	1	10	12	4	17	6	-	-	-
Guards	25	25	-	9.04	7.95	7.13-11.90	2	2	-	-	-	8	-	2	-	-	-	-	-	-	-	11	-	-	-	-
Guards I	22	22	-	9.54	9.93	7.27-11.90	-	1	-	-	-	8	-	2	-	-	-	-	-	-	-	11	-	-	-	-

[1] Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Incentive payments, such as those resulting from piecework, production bonuses, and commission systems, are included in the wages reported; nonproduction bonuses are excluded. Cost-of-living allowances are considered as part of the workers' regular pay. Hourly earnings reported for salaried workers are derived from regular salaries divided by the corresponding standard hours of work. The wages of learners, apprentices, and handicapped workers are excluded. The mean is computed for each job by totaling the earnings of all workers and dividing by the number of workers. The median designates position—one-half of the workers receive the same as or more and one-half receive the same as or less than the rate shown. The middle range is defined by two rates of pay; one-fourth of the workers earn the same as or less than the lower of these rates and one-fourth earn the same as or more than the higher rate.

[2] May include data for workers not identified by sex. Similarly, for occupations with more than one level, data are included in the overall classification when a subclassification is not shown or information to subclassify is not available.

[3] Workers were distributed as follows: 5 at $4.80 to $5.00; and 2 at $5.00 to $5.40.

[4] Workers were distributed as follows: 7 under $4.20; and 5 at $4.60 to $5.00.

[5] Workers were distributed as follows: 13 at $14.60 to $15.40; and 3 at $15.40 to $16.20.

Table 2. Establishments and workers within scope of survey and number studied in Duluth-Superior, Minn.-Wis.,[1] June 1984

Industry division[2]	Minimum employment in establishments in scope of survey	Number of establishments		Workers in establishments		
		Within scope of survey[3]	Studied	Within scope of survey[4]		Studied
				Number	Percent	
All divisions	50	136	53	16,586	100	10,087
Manufacturing	50	36	16	4,026	24	2,582
Nonmanufacturing[5]	50	100	37	12,560	76	7,505

[1] The Duluth-Superior Standard Metropolitan Statistical Area, as defined by the Office of Management and Budget through February 1974, consists of St. Louis County, Minn.; and Douglas County, Wis. The "workers within scope of survey" estimates shown in this table provide a reasonably accurate description of the size and composition of the labor force included in the survey. The estimates are not intended, however, to serve as a basis of comparison with other statistical series for the area to measure employment trends or levels since (1) planning of wage surveys requires the use of establishment data compiled considerably in advance of the payroll period studied, and (2) small establishments are excluded from the scope of the survey.

[2] The 1972 edition of the Standard Industrial Classification Manual was used in classifying establishments by industry division.

[3] Includes all establishments with total employment at or above the minimum limitation. All outlets of companies in such industries as trade, finance, auto repair service, and motion picture theaters (within a Standard Metropolitan Statistical Area or nonmetropolitan county) are considered as one establishment.

[4] Includes all workers in all establishments with total employment (within the area) at or above the minimum limitation.

[5] Includes transportation, communication, and other public utilities (excluding taxicabs and services incidental to water transportation; wholesale trade; retail trade; finance, insurance, and real estate; hotels and other lodging places; laundries and other personal services automobile repair, rental, and parking; motion pictures; nonprofit membership organizations (excluding rekuguiys abd cgarutabke irgabuzatuibs); engineering and architectural services; and miscellaneous business services. Major industries excluded from this survey are agriculture; mining; construction; some services (notably educational institutions and medical services); and government operations.

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